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Go to: Derwent

Title: **JP06051117A2: POLARIZING FILM FOR LIQUID CRYSTAL DISPLAY**

Derwent Title: Durable, heat-resistant polarising film for LCD - has protective layer of thermoplastic satd. norbornane series resin on one or both faces providing low double refraction [\[Derwent Record\]](#)

Country: JP Japan

Kind: A (See also: [JP03297450B2](#))

Inventor: TAKAHASHI SHINICHI;  
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Published / Filed: 1994-02-25 / 1991-07-22

Application Number: JP1991000205522

IPC Code: IPC-7: [G02B 5/30](#); [G02F 1/1335](#);

Priority Number: 1991-07-22 JP1991000205522

Abstract: PURPOSE: To improve the resistance to water, moisture and heat, transparency and adhesion to adhesive of a polarizing film by laminating a sheet of a thermoplastic saturated norbornene-base resin on at least one side of the polarizing film as the protective layer.

CONSTITUTION: A sheet of a thermoplastic saturated norbornene-base resin is laminated on at least one side of a polarizing film as a protective layer. The polarizing film functions as a polarizer, and is a PVA iodine-base polarizing film or a dye-base polarizing film obtained by adsorbing a dichromatic dye on a PVA film and orienting the film. The thermoplastic saturated norbornene-base resin sheet as the protective layer is formed by the soln. casting method, and the resin is dissolved in a solvent in this case. A solvent having  $\geq 100^{\circ}\text{C}$  or preferably  $\geq 120^{\circ}\text{C}$  b.p. is used, and the solvent has to uniformly dissolve the resin even if the solid content is controlled to  $\geq 10\text{wt.\%}$ .

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Country:

Family: [Show 3 known family members](#)Forward References: [Go to Result Set: Forward references \(5\)](#)

	Patent	Pub.Date	Inventor	Assignee	Title
 <a href="#">US6961178</a>	2005-11-01	Sugino; Youichirou	Nitto Denko Corporation	Polarizing film, of liquid crystal disp polarizing film	
 <a href="#">US6840635</a>	2005-01-11	Maeda; Hiroe	Nitto Denko Corporation	Polarizer and me producing the sa	
 <a href="#">US6552145</a>	2003-04-22	Okada; Yasumasa	Sekisui Chemical Co., LTD	Polarizer protecti	
 <a href="#">US5833878</a>	1998-11-10	Shinohara; Hironobu	JSR Corporation	Liquid crystal dis	
 <a href="#">US5516456</a>	1996-05-14	Shinohara; Hironobu	Japan Synthetic Rubber Co., Ltd.	Liquid crystal dis	

Other Abstract

Info:

[DERABS C93-058928](#)

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